

Abstract:

Motor Vehicle Brake

The invention relates to a motor vehicle brake having at least one brake disc or at least one brake drum, at least two brake linings, and a device for detecting a tensioning force acting upon the brake linings when the motor vehicle brake is actuated, with the brake linings including a carrier plate (1) and a friction layer (2) movable into engagement with the brake disc or the brake drum.

In order to perform measurements of the tensioning forces that occur upon brake actuation with a sufficiently high rate of measuring accuracy at low costs, according to the invention, the device for detecting the tensioning force is designed in such a manner that it senses variations in the electric resistance (3) of the friction layer (2) that occur upon actuation of the motor vehicle brake, and evaluates them to determine the tensioning force.

(Figure 1)